

Title (en)  
MULTIFUNCTIONAL CURVED TRAINING DEVICE

Title (de)  
MULTIFUNKTIONALE GEKRÜMMTE TRAININGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ENTRAÎNEMENT MULTIFONCTIONNEL INCURVÉ

Publication  
**EP 3552674 A1 20191016 (EN)**

Application  
**EP 19165498 A 20190327**

Priority  
TW 107204346 U 20180402

Abstract (en)  
A multifunctional curved training structure includes a main body in an U shape, and a second main body in an U shape. A first supporting bracket is provided between a first left branch and a first right branch of the first main body. A second supporting bracket is provided between a second left branch and a second right branch of the second main body. A left elastic connecting member arched in shape includes a left spring and a left flexible sleeve enveloping the left spring. Two ends of the left elastic connecting member are respectively connected to the first left branch and the second left branch. A right elastic member arched in shape includes a right spring and a right flexible sleeve enveloping the right spring. Two ends of the right elastic connecting member are respectively connected to the first right branch and the second right branch. Thus, a user can selectively use the multifunctional curved training structure as an auxiliary tool for multiple workout types including push-ups, arm training and abdominal crunches for different workout patterns.

IPC 8 full level  
**A63B 21/02** (2006.01); **A63B 21/04** (2006.01); **A63B 21/045** (2006.01); **A63B 23/02** (2006.01)

CPC (source: EP)  
**A63B 1/00** (2013.01)

Citation (search report)  
• [XA] EP 2946815 A1 20151125 - LEE SEOWON [KR]  
• [XA] US 2008032876 A1 20080207 - MUKENEV YERZHAN K [KZ]  
• [A] US 4789154 A 19881206 - MATTOX ERNEST M [US]  
• [A] US 5720700 A 19980224 - BUONI NICK J [US], et al  
• [A] CN 207076053 U 20180309 - JIANGMEN XINHUI FADA SPORTING GOODS CO LTD

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3552674 A1 20191016; EP 3552674 B1 20210421**; TW M566597 U 20180911

DOCDB simple family (application)  
**EP 19165498 A 20190327**; TW 107204346 U 20180402